

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10670779 on May 04, 2006

8 714/752 (6 OR, 2 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/699 PULSE OR DATA ERROR HANDLING
714/746 .Digital data error correction
714/752 ..Forward correction by block code

6 714/755 (4 OR, 2 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/699 PULSE OR DATA ERROR HANDLING
714/746 .Digital data error correction
714/752 ...Forward correction by block code
714/755 ...Double encoding codes (e.g., product,
concatenated)

6 714/781 (5 OR, 1 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/699 PULSE OR DATA ERROR HANDLING
714/746 .Digital data error correction
714/752 ...Forward correction by block code
714/781 ...Code based on generator polynomial

5 714/785 (4 OR, 1 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/699 PULSE OR DATA ERROR HANDLING
714/746 .Digital data error correction
714/752 ...Forward correction by block code
714/781 ...Code based on generator polynomial
714/785Syndrome computed

4 714/757 (3 OR, 1 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/699 PULSE OR DATA ERROR HANDLING
714/746 .Digital data error correction
714/752 ...Forward correction by block code
714/757 ...Parallel generation of check bits

4 714/758 (1 OR, 3 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/699 PULSE OR DATA ERROR HANDLING
714/746 .Digital data error correction
714/752 ...Forward correction by block code
714/758 ...Error correcting code with additional error
detection code (e.g., cyclic redundancy character,
parity)

4 714/761 (0 OR, 4 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/699 PULSE OR DATA ERROR HANDLING
714/746 .Digital data error correction
714/752 ...Forward correction by block code
714/761 ...Random and burst error correction

- 4 714/777 (0 OR, 4 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/752 ..Forward correction by block code
 714/777 ...Hamming code
- 4 714/780 (1 OR, 3 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/752 ..Forward correction by block code
 714/780 ...Using symbol reliability information (e.g.,
 soft decision)
- 4 714/794 (1 OR, 3 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/786 ..Forward error correction by tree code (e.g.,
 convolutional)
 714/794 ...Maximum likelihood
- 4 714/800 (1 OR, 3 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/799 .Error/fault detection technique
 714/800 ..Parity bit
- 3 375/259 (1 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT
- 3 714/762 (0 OR, 3 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/752 ..Forward correction by block code
 714/762 ...Burst error correction
- 3 714/792 (0 OR, 3 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/786 ..Forward error correction by tree code (e.g.,
 convolutional)
 714/792 ...Trellis code
- 3 714/801 (2 OR, 1 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/799 .Error/fault detection technique
 714/800 ..Parity bit
 714/801 ...Parity generator or checker circuit detail

- 3 714/804 (1 OR, 2 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/799 .Error/fault detection technique
 714/800 ..Parity bit
 714/804 ...Plural dimension parity check
- 2 341/107 (1 OR, 1 XR)
 Class 341 : CODED DATA GENERATION OR CONVERSION
 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS
 341/107 .To or from code based on probability
- 2 341/200 (0 OR, 2 XR)
 Class 341 : CODED DATA GENERATION OR CONVERSION
 341/200 QUANTIZER
- 2 341/50 (1 OR, 1 XR)
 Class 341 : CODED DATA GENERATION OR CONVERSION
 341/50 DIGITAL CODE TO DIGITAL CODE CONVERTERS
- 2 375/222 (2 OR, 0 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/219 TRANSCEIVERS
 375/222 .Modems (data sets)
- 2 375/262 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT
 375/260 .Plural channels for transmission of a single
 pulse train
 375/261 ..Quadrature amplitude modulation
 375/262 ...Maximum likelihood decoder or viterbi
 decoder
- 2 375/265 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT
 375/260 .Plural channels for transmission of a single
 pulse train
 375/261 ..Quadrature amplitude modulation
 375/265 ...Trellis encoder or Trellis decoder
- 2 375/341 (1 OR, 1 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/316 RECEIVERS
 375/340 .Particular pulse demodulator or detector
 375/341 ..Maximum likelihood decoder or viterbi decoder
- 2 714/701 (1 OR, 1 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/701 .Data formatting to improve error detection
 correction capability
- 2 714/751 (0 OR, 2 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT

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714/699 DETECTION/RECOVERY
 714/746 PULSE OR DATA ERROR HANDLING
 714/748 .Digital data error correction
 714/751 ..Request for retransmission
 ...Including forward error correction
 capability

- 2 714/759 (1 OR, 1 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/752 ..Forward correction by block code
 714/759 ...Look-up table encoding or decoding
- 2 714/763 (0 OR, 2 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/752 ..Forward correction by block code
 714/763 ...Memory access
- 2 714/783 (1 OR, 1 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/752 ..Forward correction by block code
 714/781 ...Code based on generator polynomial
 714/783Golay code
- 2 714/795 (0 OR, 2 XR)
 Class 714 : ERROR DETECTION/CORRECTION AND FAULT
 DETECTION/RECOVERY
 714/699 PULSE OR DATA ERROR HANDLING
 714/746 .Digital data error correction
 714/786 ..Forward error correction by tree code (e.g.,
 convolutional)
 714/795 ...Viterbi decoding